UnitedStatesofAmerica

Department of Transportation Federal Aviation Administration

Supplemental Type Certificate

Number SA00743SE

This certificate, issued to Micro AeroDvnamics. Inc. 4000 Airport Rd., Suite D Anacortes, WA 98221

certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 3 of the Civil Aviation Regulations.

Original Product—Type Certificate Number:

Make: Piper

Model: PA-23. PA23-160

Description of the Type Design Change: Installation of vortex generators on the wing leading edge, underside of the horizontal stabilizer, and on the vertical fin in accordance with Micro AeroDynamics Drawing List MA2117, Revision IR, dated July 14, 1999, and Installation Instructions MA2118, Revision IR, dated September 21, 1999, or later FAA approved revisions to either of these documents.

NOTE: If more than five vortex generators are damaged or missing, the aircraft is not airworthy

Limitations and Conditions: Concurrent or prior installation of STC SA671SW is required as part of the incorporation of this modification. Approval of this change in type design applies to the above model aircraft only. This approval should not be extended to other aircraft on which other previously approved modifications are incorporated unless it is determined that the relationship between this change and any other previously approved modifications, including changes in type design, will introduce no adverse effect upon the airworthiness of that aircraft. However, it has been demonstrated, that modification in accordance with STC SA899SW, is compatible with this STC. A copy of this Certificate must be maintained as part of the permanent records for the modified aircraft.

If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission.

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date reissued: **Date of application:** August 10, 1999

Date of issuance: Date amended: April 27, 2004 October 6, 1999

By direction of the Administrator

(Signature) Acting Manager, Seattle Aircraft

Certification Office

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.